



ELSEVIER

Respiration Physiology 120 (2000) 277–278



www.elsevier.com/locate/resphysiol

Contents of volume 120

No. 1, March 2000

Frontiers review

- P.D. Wagner (USA) Reduced maximal cardiac output at altitude — mechanisms and significance 1

Research articles

- J. Duffin, R.M. Mohan, P. Vasiliou, R. Stephenson and S. Mahamed (Canada) A model of the chemoreflex control of breathing in humans: model parameters measurement 13
A. Bairam, H. Néji, P. De-Grandpré and J.L. Carroll (Canada, USA) Autoreceptor mechanism regulating carotid body dopamine release from adult and 10-day-old rabbits 27
P.B. Frappell and J.P. Mortola (Australia, Canada) Respiratory function in a newborn marsupial with skin gas exchange 35
S.G. Reid, L. Sundin, A.L. Kalinin, F.T. Rantin and W.K. Milsom (Canada, Brazil) Cardiovascular and respiratory reflexes in the tropical fish, traira (*Hoplias malabaricus*): CO₂/pH chemoresponses 47
E. Friedman, E. Novoa, A. Crespo, H. Marcano, L. Pesce, A. Cornellas and R. Sánchez de León (Venezuela) Effect of hydrocortisone on platelet activating factor induced lung edema in isolated rabbit lungs 61
K. Kubo, R.-L. Ge, T. Koizumi, K. Fujimoto, T. Yamada, M. Haniuda and T. Honda (Japan) Pulmonary artery remodeling modifies pulmonary hypertension during exercise in severe emphysema 71

Short communication

- C.G. Farmer and D.R. Carrier (USA) Respiration and gas exchange during recovery from exercise in the American alligator 81

No. 2, April 2000

Frontiers review

- R.S. Fitzgerald (USA) Oxygen and carotid body chemotransduction: the cholinergic hypothesis — a brief history and new evaluation 89

Research articles

- M.H. Stella, S.L. Knuth and D. Bartlett, Jr (USA) Respiratory response to spontaneous contractions of the urinary bladder in awake and decerebrate rats 105
G. Supinski, D. Stofan, L.A. Callahan, D. Nethery and A. DiMarco (USA) Effects of protein kinase A inhibition on rat diaphragm force generation 115
P. Tarczy-Hornoch, J. Hildebrandt and J.C. Jackson (USA) Gravitational effects on volume distribution in a model of partial and total liquid ventilation 125
G. Hedenstierna, M. Hammond, O. Mathieu-Costello and P.D. Wagner (Sweden, USA) Functional lung unit in the pig 139
C.A. Kindig, L.L. Gallatin, H.H. Erickson, M.R. Fedde and D.C. Poole (USA) Cardiorespiratory impact of the nitric oxide synthase inhibitor L-NAME in the exercising horse 151
A. Barbier and H. Bachofen (Switzerland) The lung of the marmoset (*Callithrix jacchus*): ultrastructure and morphometric data 167

Short communication

- E.L. Seifert, J. Knowles and J.P. Morsola (Canada) Continuous circadian measurements of ventilation in behaving adult rats

179

No. 3, May 2000**Research articles**

- Z.-G. Huang, S.H. Subramanian, R.J. Balnave, A.B. Turman and C. Moi Chow (Australia) Roles of periaqueductal gray and nucleus tractus solitarius in cardiorespiratory function in the rat brainstem

185

- S.G. Reid, J.T. Meier and W.K. Milsom (Canada) The influence of descending inputs on breathing pattern formation in the isolated bullfrog brainstem-spinal cord

197

- S.G. Reid, W.K. Milsom, J.T. Meier, S. Munns and N.H. West (Canada) Pulmonary vagal modulation of ventilation in toads (*Bufo marinus*)

213

- N.M. Tsoukias, A.F. Wilson and S.C. George (USA) Effect of alveolar volume and sequential filling on the diffusing capacity of the lungs: I. Theory

231

- N.M. Tsoukias, D. Dabdub, A.F. Wilson and S.C. George (USA) Effect of alveolar volume and sequential filling on the diffusing capacity of the lungs: II. Experiment

251

Author index of volume 120

273

Subject index of volume 120

275

Contents of volume 120

277

